

AMENDMENTS TO THE CLAIMS

The following is a complete listing of revised claims with a status identifier in parentheses.

LISTING OF CLAIMS

1. (Currently Amended) A wireless interconnect device having two antennae for a computer, the computer comprising a casing, an outer lid covering the casing, ~~and~~ a main board located in the casing, and a mini PCI-slot (Peripheral Component Interconnect) connector electrically connecting to the main board, comprising:

a first antenna,

a second antenna, and

a wireless Ethernet card, the card comprising a main body, an electric connecting part, a first signal line and a second signal line, wherein, the electric connecting part electrically connecting the main body to the mini PCI-slot, the first and the second signal line respectively electrically connecting the first and the second antenna to the main body, the first antenna being located at a front side of the casing and the second antenna being located at top of the outer lid.

~~a connector, which is a mini PCI slot connector electrically connecting to the main board; and~~

~~a wireless Ethernet card, including a main body, a first antenna, a second antenna, a first signal line and a second signal line, and an electric connecting part, the electric connecting part electrically connecting to the mini PCI slot connector, the first and second signal lines respectively electrically connecting the first antenna and the second antenna to the main board, the first antenna being located at a front side of the casing and the second antenna being located at a top of the outer lid.~~

2. (Original) The wireless interconnect device of claim 1, wherein the top of the outer lid further has an accommodating space in which the second antenna is located.
3. (Original) The wireless interconnect device of claim 2, wherein the accommodating

space further has a cover.

4. (Original) The wireless interconnect device of claim 1, wherein the top of the out lid further has a plurality of first fixing holes and a first slot, the front of the casing further has a plurality of second fixing holes and a second slot, the first and second antennas respectively having third and fourth fixing holes corresponding to the second and first fixing holes, the first and fourth fixing holes connecting to one another via first positioning elements and the second and third fixing holes connecting to one another via second positioning elements so that the first and second signal lines respectively penetrate through these slots.

5. (Currently Amended) A wireless interconnect device having two antennae for a computer, the computer comprising a casing, an outer lid covering the casing, ~~and a~~ main board located in the casing, and a mini USB (Universal Serial Bus) connector electrically connecting to the main board, comprising:

a first antenna,

a second antenna, and

a wireless Ethernet card, the card comprising a main body, an electric connecting part, a first signal line and a second signal line, wherein, the electric connecting part electrically connecting the main body to the mini USB, the first and the second signal line respectively electrically connecting the first and the second antenna to the main body, the first antenna being located at a front side of the casing and the second antenna being located at top of the outer lid.

~~a connector, which is a mini USB connector electrically connecting to the main board; and~~

~~a wireless Ethernet card, including a main body, a first antenna, a second antenna, a first signal line and a second signal line, and a coupling part, the coupling part electrically connecting to the mini USB connector, the first and second signal lines respectively electrically connecting the first antenna and the second antenna to the main board, the first antenna being located at a front side of the casing and the second antenna being located at a top of the outer lid.~~

6. (Original) The wireless interconnect device of claim 5, wherein the top of the outer lid further has an accommodating space in which the second antenna is located.

7. (Original) The wireless interconnect device of claim 6, wherein the accommodating space further has a cover.

8. (Original) The wireless interconnect device of claim 5, wherein the top of the out lid further has a plurality of first fixing holes and a first slot, the front of the casing further has a plurality of second fixing holes and a second slot, the first and second antennas respectively having third and fourth fixing holes corresponding to the second and first fixing holes, the first and fourth fixing holes connecting to one another via first positioning elements and the second and third fixing holes connecting to one another via second positioning elements so that the first and second signal lines respectively penetrate through these slots.